

# Product Information

**Brewing Industry**  
**Soft Drink**  
**Fruit juice**  
**Wine growing**

February 2010

**calvatis**  
**calgonit**  
industrial



alkaline cleaning	description	main ingredients
<b>calgonit R</b>	High caustic powder detergent, suitable for cleaning of plate heat exchangers, pipes, wort cookers and for boiling out of deep fryers. Contains a high effective hot defoamer.	Caustic, phosphates, surfactants
<b>calgonit R flüssig</b>	Concentrated caustic detergent, non foaming. Can be combined with active chlorine. EDTA- and NTA-free	Caustic, stabilizers
<b>calgonit R flüssig special</b>	Alkaline cleaner for CIP-application, non foaming. Can be combined with active chlorine. Suitable for high water hardness. EDTA- and NTA-free	Caustic, hardness stabilizers
<b>calgonit RT special</b>	High concentrated caustic detergent with defoamer. Especially suitable for hot circulation and spray cleaning. EDTA- and NTA-free	Caustic, scale preventing additives, surfactants
<b>calgonit U flüssig special</b>	Alkaline detergent with active chlorine for all water hardnesses. No foaming, with inhibitor for aluminium.	Caustic, phosphates, silicates, bleach agent
<b>calgonit NN 489</b>	Alkaline CIP- and tank cleaner which provides very good cleaning power and excellent emulsification. Low foaming, easy to rinse off. Suitable for aluminium.	Caustics, silicate, organic chelates, surfactants
<b>calgonit 6010</b>	Alkaline cleaner with active chlorine, non foaming. Removes organic deposits like protein, fats, starch, milk- and beverage residues. Phosphate free	Caustic, bleach agent, hardness stabilizers

all-purpose-/ vehicle-cleaning	description	main ingredients
<b>calgonit AR</b>	Neutral all purpose cleaner, high foaming. Does not contain perfumes, is compatible with all materials normally used. Phosphate free	Surfactants
<b>calgonit HDN</b>	Mildly alkaline, foaming, liquid product, effectively removing heavy fat, oil and resinified soilings. Can be used manually and with high pressure. EDTA- and NTA-free	Phosphates, surfactants, solubilizer
<b>calgonit LPR</b>	Mildly alkaline all-purpose cleaner. Works excellent in spray- as well as high-pressure systems to clean milk tankers and canvas covers of trucks. Removes oil, grease and other heavy soils EDTA- and NTA-free	Organic chelates, surfactants, solubilizer

alkaline foam cleaning	description	main ingredients
<b>calgonit AF 108</b>	Mildly alkaline foam and general purpose cleaner non corrosive. Chlorine- and phosphate free EDTA-free	Alkanolamines, organic chelates, surfactants
<b>calgonit CF 312 *</b>	Alkaline foam detergent-sanitizer with a high level of active chlorine, removes tenacious soil.	Caustic, hardness stabilizers, surfactants, biocide
<b>calgonit CF 315</b>	Alkaline foam detergent with active chlorine, aluminium-safe. Removes effectively protein, fat and other tenacious organic soils.	Caustic, phosphates, silicates, surfactants, bleach agent
<b>calgonit CF 325</b>	Alkaline foam cleaner with active chlorine builds up a stable foam and has good fat solving properties. It is hard water tolerant and can easily be rinsed off. No biocide	Caustic, phosphates, surfactants, bleaching agent
<b>calgonit NF 400</b>	Highly alkaline foam cleaner. Removes especially stubborn and carbonised soils like tar, burned grease, starch and protein and therefore is preferably used for smoke house cleaning. EDTA-free	Caustic, organic chelates, surfactants
<b>calgonit NF 422</b>	Alcaline foam cleaner, particularly useful where fat, oil and protein soiling is encountered. Long cling foam. Chlorine- and phosphate free EDTA-free	Caustic, chelates, surfactants, solubilizers

additives	description	main ingredients
<b>calgonit 1177</b>	Booster additive for caustic detergents. For washing of glass and PET bottles as well as for alkaline CIP-cleaning of tanks, pipes and kegs. Lye corrosion on glass surfaces is noticeably reduced (antiscuffing effect). Phosphate-, EDTA- and NTA-free	Organic acid salts, dispersants
<b>calgonit AD 801</b>	Concentrated wetting agent with excellent defoaming properties. It is stable in caustic lye solutions and free of silicones.	Nonionic surfactants
<b>calgonit AD 865</b>	Cleaning booster and bleach agent based on active oxygen. Boosts cleaning of acidic or caustic solutions and helps removing tenacious organic soil. EDTA- und NTA-free	Bleaching agent
<b>calgonit GL extra</b>	Additive for caustic cleaning solutions. Suitable as lye additive for CIP cleaning and particularly for automatic bottle washing in the milk and beverage industry. Phosphate free EDTA- und NTA-free	Organic chelates, dispersants, surfactants, solubilizer

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additives	description	main ingredients
<b>calgonit AD 817</b>	Additive for stabilisation of water hardness and scale prevention. Effective even in hard water and suitable for PET.	Phosphonates
<b>calgonit AD 860</b>	Cleaning booster and bleach agent based on active chlorine. Suitable for use in tanks, containers, pipe work , hoses, crate washers as well as for treatment of cutting boards.	Alkali, inorganic salts
<b>calgonit CNT plus</b>	Cleaning booster for caustic detergent solutions. Contains effective chelates to prevent hard water scale and special surfactants to improve cleaning and to suppress disturbing foam. NTA-free	Chelates, surfactants
<b>calgonit LA liquid</b>	Cleaning booster and scale inhibitor. Miscible with concentrated caustic lye. Can be used to improve cleaning and as scale preventive. EDTA- und NTA-free	Hardness stabilizers, organic acid salts
<b>calgonit Schaumbremse SB neu</b>	Defoamer for alkaline cleaning solutions. Used in automatic bottle wash and alkaline CIP cleaning applications and is effective above 40°C.	Surfactants, solubilizers
<b>calgonit WST neu</b>	Additive for scale prevention. Suitable for hard water, high temperatures and high pH-values. EDTA- und NTA-free	Phosphonates

acidic cleaning	description	main ingredients
<b>calgonit jalu sauer plus</b>	Strongly acidic detergent for CIP cleaning. Also suitable for automatic cleaning of pasteurizers , tanks, milk collecting trucks, centrifuges and pipes. Can be used cold and hot.	Mineral acid, inhibitors, surfactants
<b>calgonit SP</b>	Strongly acidic detergent for the automatic cleaning of tanks, pipes, pasteurisers, brew vessels, whirlpools centrifuges and kegs. No foaming, Can be used cold and hot.	Inorganic acids
<b>calgonit TRS</b>	Strongly acidic detergent for the automatic cleaning and descaling applications. Non foaming and only suitable for cold application to clean wort cookers, tanks and pipework. Can also be used to control pH in rinse sections of bottle washing machines, usually in combination with a proper scale inhibitor.	Mineral acid, inhibitors

acidic cleaning	description	main ingredients
<b>calgonit SN 554</b>	Strongly acidic detergent for the automatic one step cleaning of fermentation and storage tanks. Preferably used at low cellar temperatures, removes yeast deposits and beerstone, with defoamer.	Inorganic and organic acids, surfactants
<b>calgonit SN 588*</b>	Strongly acidic detergent sanitizer for CIP cleaning, of fermentation and storage tanks, also in CO <sub>2</sub> atmosphere, low foaming. Phosphate free	Inorganic and organic acids, solubilizer, surfactants

disinfection	description	main ingredients
<b>calgonit sterizid forte 15 *</b>	Acidic disinfectant based on hydrogen peroxide and peracetic acid (ca. 15 %) For tanks, container, pipelines. Non foaming, effective at low temperature, with broad spectrum kill.	Organic acids, disinfectant, stabilisers
<b>calgonit CD-L *</b>	Alkaline component for production of chlorine dioxide.	Sodium chlorite
<b>calgonit CD-S</b>	Acidic component for production of chlorine dioxide.	Hydrochloric acid
<b>calgonit DS 675 *</b>	Neutral disinfectant based on quaternary ammonium compound. Broad spectrum of efficacy, not corrosive on most materials. EDTA- und NTA-free	Disinfectant
<b>calgonit DS 628 *</b>	Acidic foam- disinfectant based on peracetic acid and hydrogen peroxide. Stable foam, broad spectrum kill.	Organic acids, surfactants, biocides

acidic foam cleaning	description	main ingredients
<b>calgonit SF 504</b>	Strong acidic foam cleaner for multi purpose use. To remove tenacious deposits, protein, grease and hard water scale. Leaves a shiny surface after rinsing.	Mineral acids, surfactants
<b>calgonit SF 520</b>	Acidic foam cleaner with very stable, long cling foam. Removes even tenacious soils like lime scale, rust and protein as well as residual alkalinity from previous cleaning steps.	Inorganic acids, surfactants, solubilizers
<b>calgonit SF 522</b>	Acidic foam cleaner with very stable, cling foam, removes even tenacious soils like lime scale, rust and protein as well as residual alkalinity. Phosphate free	Organic acids, dispersing agents, surfactants, solubilizers
<b>calgonit SF 525</b>	Highly concentrated, acidic detergent suitable for foam, high pressure, manual and soak cleaning. Removes organic and inorganic soil, an effective inhibitor reduces attack on metals.	Mineral acid, surfactants, inhibitors

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acidic foam cleaning	description	main ingredients
<b>calgonit SF 5501</b>	Acidic cleaner based on citric acid with stable foam. Used for removal of lime scale residues of alkalinity and light organic soiling. Phosphorus free	Organic acids, surfactants
chain lubrication	description	main ingredients
<b>calgonit LU 5702</b>	Very effective lubricant based on silicon. Especially designed for the transport of carton packages and plastic containers (e.g. PET, PC). EDTA- and NTA-free	Silicone, emulsifier
<b>calgonit Bandfit EE</b>	Synthetic chain lubricant which can be used with water of any hardness, without formation of deposits. Low foaming, suitable for glass and PET bottles. EDTA- and NTA-free	Fatty amine salts, surfactants
special cleaners/products	description	main ingredients
<b>calgonit SP 942</b>	Concentrated buffered mild alkaline membrane cleaner for reverse osmosis, micro - and ultra filtration equipment. Free of complexing agents	Caustic, organic sequestrants
<b>calgonit UF 2 neu</b>	Highly concentrated enzymatic cleaner for membranes. EDTA- and NTA-free	Proteolytic enzymes, surfactants, stabilizers
<b>calgonit SP 946</b>	Caustic membrane detergent especially for cleaning of high pH-resistant membranes in micro- and ultrafiltration plants. Removes organic and inorganic soils and has superior fat solving properties.	Caustic, organic chelates, surfactants
<b>calgonit SP 952</b>	Highly acidic membrane detergent, non foaming. Removes water scale as well as milkstone.	Inorganic acids
<b>calgonit AN 195</b>	Powerful special cleaner for plastic surfaces. Long-term antistatic action, excellent wetting. May be combined with other alkaline detergents	Chelates, surfactants, solubilizers
<b>calgonit 7130*</b>	Combined biocidal product for water treatment, based on hard water stabilizers and a broad spectrum biocide. Does not contain aldehydes, surfactants or chlorine donors. Prevents the formation of biofilms and water scale.	Hardness stabilizers, biocides
<b>calgonit NU 019</b>	Alcoholic fat solver for use in the food and beverage industry, especially for treating surfaces where hydrous solutions cannot be applied.	Alcohols

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